

BRS 24 (circumferential\$ with \$mode) and 385/\$.ccls. USPAT  
 2002/05/15 15:18 Truncation Overflow. Return string from Server is:  
 5`0`0`CIR 1  
 BRS 5 (circumferential\$ with \$mode with resonator) and optic\$ USPAT  
 2002/04/23 17:02 Truncation Overflow. Return string from Server is:  
 5`0`0`CIR 1  
 BRS 1 6101300.pn. USPAT 2002/04/23 17:53 0  
 BRS 54 resonator and (fiber with taper) and optic\$ USPAT 2002/04/24  
 11:20 Truncation Overflow. Return string from Server is: 5`18688`3 1  
 BRS 16 (resonator and (fiber with taper) and optic\$) and modulator USPAT  
 2002/04/23 17:56 0  
 BRS 23 5138676.URPN. USPAT 2004/04/16 14:41  
 0  
 BRS 5 ("5138676" | "5452393" | "5699461" | "5883992" | "6008927").PN.  
 USPAT 2002/04/24 11:15 0  
 BRS 2 resonator and (fiber with taper) and optic\$ and garnet USPAT  
 2002/04/24 12:53 Truncation Overflow. Return string from Server is:  
 5`18688`3 1  
 BRS 45 ((\$resonator with ring\$) or FRR) with modulator USPAT  
 2002/04/29 16:19 Truncation Overflow. Return string from Server is:  
 5`0`1`\$RE 1  
 BRS 1 "5446573".PN. USPAT 2002/04/24 13:00  
 0  
 BRS 126 resonant with optic\$ with modulator USPAT 2002/04/29 17:09  
 Truncation Overflow. Return string from Server is: 5`46352`4 1  
 BRS 4 (((\$resonator with ring\$) or FRR) with modulator) and (resonant with  
 optic\$ with modulator) USPAT 2002/04/24 13:03 0  
 BRS 5 5802235.URPN. USPAT 2002/04/29 16:13  
 0  
 BRS 0 5802235.URPN. and (fiber\$ with \$ring\$) USPAT 2002/04/29  
 17:03 Truncation Overflow. Return string from Server is: 5`6`7`"58 1  
 BRS 2 5802235.URPN. and ring USPAT 2002/04/29 16:16  
 0  
 BRS 2 (((\$resonator with ring\$) or FRR) with modulator) and (BOA or bifurc\$)  
 and fiber USPAT 2002/04/29 16:36 Truncation Overflow. Return  
 string from Server is: 5`0`1`\$RE 1  
 BRS 2 (resonant with optic\$ with modulator) and (BOA or bifurc\$) and fiber  
 USPAT 2002/04/29 16:27 Truncation Overflow. Return string  
 from Server is: 5`46352`4 1  
 BRS 1 5001523.pn. USPAT 2002/04/29 16:37 0  
 BRS 9 5001523.URPN. USPAT 2002/04/29 16:39  
 0  
 BRS 6 5001523.URPN. and fiber USPAT 2002/04/29 16:40  
 0  
 BRS 7 5123027.URPN. USPAT 2002/04/29 16:49  
 0

BRS 130 fiber with ring with resonator USPAT 2002/04/29 17:05  
 0  
 BRS 8 ((resonant with optic\$ with modulator) or (((\$resonator with ring\$) or  
 FRR) with modulator)) and spacer USPAT 2002/04/29 18:47  
 Truncation Overflow. Return string from Server is: 5`46352`4 1  
 BRS 2 5446579.URPN. USPAT 2002/04/29 18:19  
 0  
 BRS 24 ((resonant with optic\$ with modulator) or (((\$resonator with ring\$) or  
 FRR) with modulator)) and axial\$ USPAT 2002/04/29 19:32  
 Truncation Overflow. Return string from Server is: 5`46352`4 1  
 BRS 54 ring with resonator with axial\$ USPAT 2002/04/29 19:37  
 0  
 BRS 5 ((resonant with optic\$ with modulator) or (((\$resonator with ring\$) or  
 FRR) with modulator)) and taper USPAT 2002/04/29 20:48  
 Truncation Overflow. Return string from Server is: 5`46352`4 1  
 BRS 9 (ring with resonator with axial\$) and taper\$ USPAT 2002/04/29  
 19:35 0  
 BRS 22 (ring with resonator) same taper\$ USPAT 2002/04/29 19:39  
 0  
 BRS 6 ((ring with resonator) same taper\$) and optic\$ USPAT  
 2002/04/29 19:39 Truncation Overflow. Return string from Server is:  
 5`0`0`OPT 1  
 BRS 167 ((resonant with optic\$ with modulator) or (((\$resonator with ring\$) or  
 FRR) with modulator)) or (resonant with optic\$ with modulator) USPAT  
 2002/08/28 08:12 Truncation Overflow. Return string from Server is:  
 5`46352`4 1  
 BRS 0 (((resonant with optic\$ with modulator) or (((\$resonator with ring\$) or  
 FRR) with modulator)) or (resonant with optic\$ with modulator)) and (fiber same \$ring\$)  
 USPAT 2002/04/29 21:38 Truncation Overflow. Return string  
 from Server is: 5`217366` 1  
 BRS 38 (((resonant with optic\$ with modulator) or (((\$resonator with ring\$) or  
 FRR) with modulator)) or (resonant with optic\$ with modulator)) and (fiber same  
 resonator) USPAT 2002/04/30 16:29 0  
 BRS 2 (((resonant with optic\$ with modulator) or (((\$resonator with ring\$) or  
 FRR) with modulator)) or (resonant with optic\$ with modulator)) and (fiber same  
 resonator) and taper\$ USPAT 2002/04/30 16:40 Truncation Overflow.  
 Return string from Server is: 5`46422`4 1  
 BRS 18501 385/\$.ccls. USPAT 2002/04/30 16:42 0  
 BRS 6 385/\$.ccls. and (fuse\$ with \$fiber\$ with \$taper\$) USPAT  
 2002/04/30 17:19 Truncation Overflow. Return string from Server is:  
 5`0`0`FUS 1  
 BRS 32 taper with fuse with fiber USPAT 2002/05/01 14:48  
 0  
 BRS 5 (taper with fuse with fiber) and wrap USPAT 2002/04/30 17:47  
 0

BRS 0 ((taper with fuse with fiber) and wrap) and resonator USPAT  
 2002/04/30 17:48 0  
 BRS 0 ((taper with fuse with fiber) and wrap) and ring USPAT  
 2002/04/30 17:48 0  
 BRS 167 ((resonant with optic\$ with modulator) or (((\$resonator with ring\$) or  
 FRR) with modulator)) or (resonant with optic\$ with modulator) and (over\$ with  
 \$coupl\$) USPAT 2003/04/04 20:21 Truncation Overflow. Return  
 string from Server is: 5`46422`4 1  
 BRS 8 (((resonant with optic\$ with modulator) or (((\$resonator with ring\$) or  
 FRR) with modulator)) or (resonant with optic\$ with modulator) and (over\$ with  
 \$coupl\$)) and (over\$ with \$coupl\$) USPAT 2002/04/30 18:15  
 Truncation Overflow. Return string from Server is: 5`0`0`OVE 1  
 BRS 21 385/\$.ccls. and (over\$ adj1 \$coupl\$) USPAT 2002/05/01 15:28  
 Truncation Overflow. Return string from Server is: 5`0`0`385 1  
 BRS 32 taper with fuse with fiber USPAT 2002/05/01 14:48  
 0  
 BRS 1 385/\$.ccls. and (over\$ with \$coupl\$ with critical\$) USPAT  
 2002/05/01 15:33 Truncation Overflow. Return string from Server is:  
 5`0`0`385 1  
 BRS 69 385/\$.ccls. and (\$coupl\$ with critical\$) USPAT 2002/05/01  
 15:42 Truncation Overflow. Return string from Server is: 5`0`0`385 1  
 BRS 2 385/\$.ccls. and (\$coupl\$ near1 critical\$) USPAT 2002/05/01  
 15:38 Truncation Overflow. Return string from Server is: 5`0`0`385 1  
 BRS 1 385/\$.ccls. and ((\$coupl\$ near1 critical\$) same over\$) USPAT  
 2002/05/01 15:42 Truncation Overflow. Return string from Server is:  
 5`0`0`385 1  
 BRS 9 (385/\$.ccls. and (\$coupl\$ with critical\$)) and ((over\$ or satur\$) with  
 \$coupl\$) USPAT 2003/04/06 19:23 Truncation Overflow. Return  
 string from Server is: 5`0`0`OVE 1  
 BRS 1 5313176.PN. USPAT 2002/05/02 13:44 0  
 BRS 1 5313176.PN. USPAT 2002/05/02 16:59 0  
 BRS 0 09760822.ap. USPAT 2002/05/02 17:00 0  
 BRS 21 mukasa.in. and optic\$ USPAT 2002/05/02 17:01  
 Truncation Overflow. Return string from Server is: 5`140`228 1  
 BRS 14 5475704.pn. or 5138676.pn. or 5446579.pn. or 5822482.pn. or  
 5751873.pn. or 5666447.pn. or 5479548.pn. or 4723827.pn. or 4515431.pn. or  
 4142775.pn. or 6108465.pn. or 5708670.pn. or 5546414.pn. or 5015058.pn.  
 USPAT 2002/05/13 16:07 0  
 BRS 2 (grating near1 switch) and (grating near1 filter) and 385/\$.ccls.  
 USPAT 2002/05/15 15:21 0  
 BRS 2 (grating near1 switch) and (grating near1 filter) and 385/\$.ccls.  
 USPAT 2002/05/15 15:25 0  
 BRS 41 (grating near1 switch) and 385/\$.ccls. USPAT 2002/05/15  
 15:29 0  
 BRS 1 5969834.pn. USPAT 2002/05/15 15:41 0

BRS	0	5969834.URPN.	USPAT	2002/05/15 15:33	
	0				
BRS	62	((series with grating) same Bragg) and switch	USPAT		
		2002/05/15 15:45	0		
BRS	5	((series with grating) same Bragg) same switch	USPAT		
		2002/05/15 15:47	0		
BRS	15	add-drop near1 switch	USPAT	2002/05/15 16:31	
	0				
BRS	23	(grating near array near switch) and optic\$	USPAT	2002/05/15	
16:33		Truncation Overflow. Return string from Server is: 5`0`0`OPT	1		
BRS	23	grating near array near switch	USPAT	2002/05/15 16:34	
	0				
BRS	2	(grating adj1 switch) same (series with grating)	USPAT		
		2002/05/15 16:38	0		
BRS	23	(grating adj1 switch) same (array near1 grating)	USPAT		
		2002/05/15 16:41	0		
BRS	2	grating near1 filter near1 switch	USPAT	2002/05/15 16:44	
	0				
BRS	4	grating near2 filter near2 switch	USPAT	2002/05/15 16:47	
	0				
BRS	2	(grating near2 filter near2 switch) not (grating near1 filter near1 switch)			
		USPAT	2002/05/15 16:45	0	
BRS	80	(grating with filter with switch) not (grating near2 filter near2 switch)			
		USPAT	2002/05/15 16:48	0	
BRS	171	((resonant with optic\$ with modulator) or (((\$resonator with ring\$) or FRR) with modulator)) or (resonant with optic\$ with modulator)	USPAT		
		2002/08/27 11:18	0		
BRS	5	((((resonant with optic\$ with modulator) or (((\$resonator with ring\$) or FRR) with modulator)) or (resonant with optic\$ with modulator)) and taper			
		USPAT	2002/08/27 11:18	0	
BRS	464	((resonant with optic\$ with modulator) or ((\$resonator with ring\$) or FRR)) and modulator	USPAT	2002/08/28 08:16	0
BRS	361	((((resonant with optic\$ with modulator) same (ring or circumfer\$)) or ((\$resonator with ring\$) or FRR)) and modulator	USPAT	2002/08/28 08:17	
	0				
BRS	43	(((((resonant with optic\$ with modulator) same (ring or circumfer\$)) or ((\$resonator with ring\$) or FRR)) and modulator) and taper	USPAT	2002/08/28	
08:20			0		
BRS	6	(((((resonant with optic\$ with modulator) same (ring or circumfer\$)) or ((\$resonator with ring\$) or FRR)) and modulator) and (taper with \$9fiber\$)			
		USPAT	2002/08/28 08:33	0	
BRS	6	(((((resonant with optic\$ with modulator) same (ring or circumfer\$)) or ((\$resonator with ring\$) or FRR)) and modulator) and (taper with fiber\$)	USPAT		
		2002/08/28 08:55	0		
BRS	123	439/577.ccls.	USPAT	2002/08/28 09:03	0

BRS	10	439/577.ccls. and ferrule	USPAT	2002/08/28 09:13	
	0				
BRS	113	439/577.ccls. not (439/577.ccls. and ferrule)	USPAT	2002/08/28	
	09:25	0			
BRS	17	(439/577.ccls. not (439/577.ccls. and ferrule)) and fiber	USPAT		
	2002/08/28 09:30	0			
BRS	96	(439/577.ccls. not (439/577.ccls. and ferrule)) not ((439/577.ccls. not (439/577.ccls. and ferrule)) and fiber)	USPAT	2002/08/28 11:10	
	0				
BRS	1	4732446.pn.	USPAT	2002/08/28 11:24	0
BRS	22	data with plug with edge with connector	USPAT	2002/08/28	
	11:30	0			
BRS	0	(data with plug with edge with connector) and ferrule	USPAT		
	2002/08/28 11:30	0			
BRS	17	ring with resonat\$6 with taper\$6	USPAT	2003/04/04 20:36	
	0				
BRS	219	resona\$6 and (waveguide or fiber) and taper\$6 and evanesc\$9 and optic\$6			
	USPAT	2003/04/04 20:40	0		
BRS	124	resonat\$6 and (waveguide or fiber) and taper\$6 and evanesc\$9 and optic\$6	USPAT	2003/04/04 20:51	0
BRS	12	resonat\$6 and (waveguide or fiber) and taper\$6 and evanesc\$9 and optic\$6 and 385/130.ccls.	USPAT	2003/04/04 20:52	0
BRS	12	resonat\$6 and (waveguide or fiber) and taper\$6 and evanesc\$9 and optic\$6 and 385/30.ccls.	USPAT	2003/04/04 21:07	0
BRS	22	resonat\$6 and (waveguide or fiber) and evanesc\$9 and optic\$6 and 385/30.ccls.	USPAT	2003/04/06 17:54	0
BRS	12	(resonat\$6 and (waveguide or fiber) and evanesc\$9 and optic\$6 and 385/30.ccls. ) and taper\$6	USPAT	2003/04/06 17:55	0
BRS	1	5475704.pn.	USPAT	2003/04/06 19:24	0
BRS	1	5446579.pn.	USPAT	2004/04/14 22:28	0
BRS	1	6101300.pn.	USPAT	2003/04/06 20:00	0
BRS	1	5475704.pn.	USPAT	2003/04/07 14:40	0
BRS	14	ring nearl resonat\$6 with evanesc\$6	USPAT	2003/04/07 14:40	
	0				
BRS	6	5138676.pn. or 5025043.pn. or 5015058.pn. or 6108465.pn. or 5446579.pn. or 6052495.pn.	USPAT; US-PGPUB	2003/09/26 10:40	
	0				
BRS	1	"20020081055"	USPAT; US-PGPUB	2004/04/14 21:53	
	0				
BRS	1	"20020044739"	USPAT; US-PGPUB	2004/04/14 21:53	
	0				
BRS	250	(waveguide with mode with wavelengths!) and 385/\$.ccls.	USPAT		
	2004/04/14 22:23	0			
BRS	52	((waveguide with mode with wavelengths!) and 385/\$.ccls. ) and resonator			
	USPAT	2004/04/14 22:23	0		
BRS	1	6052495.pn.	USPAT	2004/04/14 22:29	0

BRS 7 6052495.URPN. USPAT 2004/04/14 22:30  
0